Use Attainability Analysis

for

WBID 3626 Panther Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Panther Creek
8-digit HUC: 11010006
Missouri WBID #: 3626
County: Texas
Upstream Legal Description: SW1/4 SE1/4 Sec.18 T.28N., R.11W.
Downstream Legal Description: NW1/4 SW1/4 Sec.30 T.28N., R.11W.
Upstream Coordinates: N. 37.10147 W. 92.18343
Downstream Coordinates: N. 37.07969 W. 92.19307
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis M. Meinert 314-416-2960
Organization: Department of Natural Resources, SWCP
Position: Soil Scientist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Date: 06/27/05___

September 29, 2004

Page 1

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	WB3626-01	Site Loca	tion Descrip	tion: SW1	/4 SE1/4 Se	c.18 '	r.28N., R.11W.
Site GPS Coordina	tes: N. 37.1014	47 W	92.18343				
Date & Time: 06/	27/05 3:00	рm	Facility Na	Lme: NA			
Personnel: John 1	Morton; Dave Down	dy	Permit Numb	er: NA			
Current Weather	Conditions: Cloud	dy	Weather Cor	ditions f	or Past 7 day	s: Cl	ear, sunny
Photo Ids: Upst:	ream: WBU3626-01	Downst:	ream: WBD362	6-01	Other:		
Uses Observe	d*:						
Swimming	Skin Diving	Scu	ba diving	Tubing		Wat	er skiing
Wind surfing	Kayaking	Boa	ting	Wading		Rai	iting
Hunting	Trapping	Fis	hing	None o	f the above	_x_ 0t1	ler:
		(Mark al			mpede recrea	ationa	l uses. Attach
City/county pa	rks Playgrou	ınds	MDC conserva	tion lands	Urban ar	eas	Campgrounds
Boating access	es State pa	rks	National for	ests	Nature t	rails	Stairs/walkway
No trespass si	gnFence		Steep slopes		_X_ Other: P	rivate	property,
Evidence of	Human Use*:						
Roads	Foot paths/pr	ints	Dock/platform	_I_ Live	stock Watering	T-	RV / ATV Tracks
Rope swing	Camping Sites		Fire plt/ring	NPDE	S Discharge		Fishing Tackle
I Other: None		-					
	ns Map(s): At			-			sites clearly

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3626-01

Stream Morphology:

Upstream View Physical Dimensions:

Flow	Present	t?	Yes	No)	Estir	mated ((ft3/sec):			
Pool	Width	(ft):	25'	Length	(ft): 105'	Avg.	Depth	(ft): 2"	Max.	Depth	(ft): 5
Run	Width	(ft):		Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Riffle	Width	(ft):		Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):

Downstream View Physical Dimensions: No water observed.

Flow	Present?	Yes No	Estimated (ft3/sec):	
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):

Substrate*: (These values should add up to 100%.)

30% Cobble 70% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

10% Algae growth on rocks.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:	
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:	
Surface Deposit:	Oil	Scum	Foam	None	Other:	

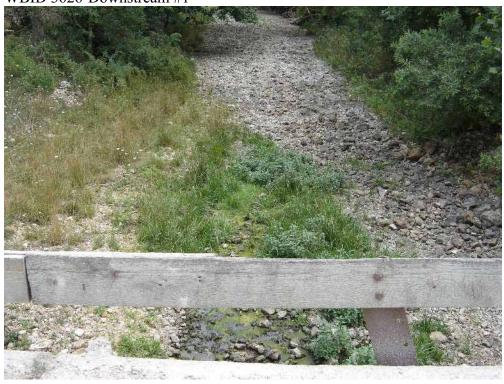
Comments: Please attach additional comments (including information from interviews) to this form.

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Signed: Date: 06/27/05_______
Organization: Department of Natural Resources SWCP
Position: Soil Scientist______

WBID 3626-Downstream #1







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	WB3626-02	Site Loca	ation Descrip	tion: NEl,	/4 SW1/4 SEC	.19 T.	28N. R.11W.
Site GPS Coordin	ates: N 37.09184	W 9	2.18755				
Date & Time: 06/	27/05 2:55	pm	Facility Na	me: NA			
Personnel: Denni	s M. Meinert		Permit Numb	er: NA			
Current Weather	Conditions: Clou	dy; Rain	Weather Con	ditions fo	or Past 7 da	ys: Cl	ear, sunny
Photo Ids: Upst	ream: WBU3626-02	Downst	ream: WBD3626	5-02	Other:		
Uses Observe	d*:						
Swimming	Skin Diving	Scu	aba diving	Tubing		Wa	ter skiing
Wind surfing	Kayaking	Boa	ting	Wading		Ra	fting
Hunting	Trapping	Fis	shing	X None of	the above	ot	her:
	de number of ind eational uses, e	ta.)					
Surrounding	eational uses, e	(Mark al			pede recre	ationa	al uses. Attach
Surrounding	Conditions*:	(Mark al		:.)	pede recre		al uses. Attach
Surrounding photos of evi	Conditions*: dence or unusuarksPlaygrou	(Mark al al items	of interest	ion lands		reas	
Surrounding photos of evi	Conditions*: dence or unusuarks Flaygrou	(Mark al al items unds	of interest	ion lands	Urban a	reas	Campgrounds
Surrounding photos of evi City/county pa Boating access No trespass si	Conditions*: dence or unusuarks Flaygrou	(Mark al al items unds	of interest	ion lands	Urban a	reas	Campgrounds
Surrounding photos of eviCity/county paBoating accessNo trespass si Evidence of	Conditions*: dence or unusuates Playgrounds: Ses State particles Gen Fence	(Mark al al items unds	of interest	ion lands	Urban a	reas trails Private	Campgrounds
Surrounding photos of evi City/county pa Boating access No trespass si	Conditions*: dence or unusuarks Flaygrou ses State pa gn Fence Human Use*:	(Mark al al items unds	of interest MDC conservat National fore Steep slopes	ion lands	Urban an Nature (reas trails Private	Campgrounds Stairs/walkway property, no water

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3626-02

Riffle	Width	(ft):	Length ((ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Run 1	Width	(ft):	Length ((ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Pool	Width	(ft):	Length ((ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Flow	low Present? Yes No			Estimated (ft3/sec):						
Downstr	eam Vi	ew Physical	Dimensi	ons: No	water obse	rved.				
Riffle	Width	(ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Run	Width	(ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Pool	Width	(ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Flow	Presen	t? Yes	No		Estim	nated	(ft3/sec)	:		
% Cob	ate*:	(These va.		% Sand		s.) s Silt	% M	ud/Clay	50	% Bedroo
WENT DEPOSITION	ble		L	% Sand	4	silt		CON-76.19 (SOC) 4		
Aquati site) None	ble c Vege	50% Grave	(note amo	% Sand	regetation	k Silt		CON-76.19 (SOC) 4	ne asse	
Aquati site) None	ble c Vege	50% Grave	(note amo	% Sand	regetation	k Silt	lgal gro	wth at th	ne asse	% Bedroo
Aquati site) None Water	c Vege	50% Grave	(note amo	% Sand	regetation t apply.) Chemical	t Silt	lgal gro	wth at th	er: None	
Aquati site) None Water odor:	c Vege	50% Grave. etation*: cteristics sowage Clear	note amo	% Sand	regetation t apply.) Chemical Gray	t Silt	lgal gro	wth at th	er: er: None	

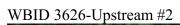
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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	ennis M. Meiner	Date:	06/27/05
Organization:	Department of Natural Resources	SWCP	
Position:	Soil Scientist		

WBID 3626-Downstream #2







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordina	ates: N. 37.0796	9 W.	92.19307				
ate & Time: 06/	27/05 3:10	pm	Facility Na	ame: NA			
ersonnel: Dennis	s M. Meinert		Permit Numb	oer: NA			
urrent Weather	Conditions: Cloud	ly	Weather Con	nditions fo	or Past 7 da	ys: Cl	ear, sunny
hoto Ids: Upst:	ream: WBU3626-03	Downst	ream: WBD362	6-03	Other:		
Uses Observe	d*:						
Swimming	Skin Diving	Scu	aba diving	Tubing		Wat	ter skiing
Wind surfing	Kayaking	Воа	iting	Wading		Rai	fting
Hunting	Trapping	Fis	hing	None of	the above	_X_ Oth	ner:
	de number of indi		recreating,	frequency	of use, pho	to-docu	mentation of
Surrounding		(Mark al	l that prom	note or in			
Surrounding	Conditions*:	(Mark al	l that prom	note or in		ationa	
Surrounding photos of evidence	Conditions*: dence or unusua	(Mark al	l that promof interes	note or in t.) tion lands	mpede recre	ationa	il uses. Attach
Surrounding photos of evi	Conditions*: dence or unusua rks playgrou os State pa	(Mark al litems	l that prom of interes MDC conserva	note or in t.) tion lands	mpede recre	ationa reas trails	l uses. Attach
Surrounding photos of evic	Conditions*: dence or unusua rks Playgrou es State pa gn Fence	(Mark al litems	l that prom of interes MDC conserva National for	note or in t.) tion lands	mpede recre	ationa reas trails	l uses. Attach
Surrounding photos of evic	Conditions*: dence or unusua rks Playgrou es State pa gn Fence	(Mark al litems	l that prom of interes MDC conserva National for	note or in t.) tion lands	mpede recre	ationa reas trails None	l uses. Attach
Surrounding photos of evic	Conditions*: dence or unusua rks Playgrou es State pa gn Fence Human Use*:	(Mark al litems	l that prom of interes MDC conserva National for Steep slopes	note or in t.) tion lands ests	Urban a Nature X Other:	ationa reas trails None	l uses. Attach Campgrounds Stairs/walkwa

labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3626-03

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes No	Estimated (ft3/sec):	

Downstream View Physical Dimensions: No water observed.

Flow	Present?	Yes No	Estimated (ft3/sec):	
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):

Substrate*: (These values should add up to 100%.)

20% Cobble 80% Gravel % Sand % Silt % Mud/Clay % Bedrock	20% Cobble
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Aquatic vegetation growing on gravel bars.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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Signed: Dennis M. Meiner	Date:	06/27 /05	_
Organization: Department of Natural Resources	SWCP		
Position: Soil Scientist			

WBID 3626-Downstream #3



WBID 3626-Upstream #3



STREAM NAME

Panther Creek

РНОТО	WBID	UP	DOWN	USE	COMMENTS
1	3626	х		No use evident	Small pool
2	3626		x	No use evident	No water
3	3626			No use evident	No water
4	3626			No use evident	No water
5	3626			No use evident	No water
6	3626			No use evident	No water
7					
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